

RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: 09/965,703A

Source: IFW16

Date Processed by STIC: 1/10/06

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IFW16

RAW SEQUENCE LISTING

DATE: 01/10/2006

PATENT APPLICATION: US/09/965,703A

TIME: 14:48:42

Input Set : E:\A01020B.ST25.txt

Output Set: N:\CRF4\01102006\I965703A.raw

3 <110> APPLICANT: Palli, Subba Reddy
 4 Kapitskaya, Marianna Zinovjevna
 5 Cress, Dean Ervin
 7 <120> TITLE OF INVENTION: Ecdysone Receptor-Based Inducible Gene Expression System
 9 <130> FILE REFERENCE: A01020B
 11 <140> CURRENT APPLICATION NUMBER: US 09/965,703A
 12 <141> CURRENT FILING DATE: 2001-09-26
 14 <150> PRIOR APPLICATION NUMBER: US 60/191,355
 15 <151> PRIOR FILING DATE: 2000-03-22
 17 <150> PRIOR APPLICATION NUMBER: US 60/269,799
 18 <151> PRIOR FILING DATE: 2001-02-20
 20 <160> NUMBER OF SEQ ID NOS: 78
 22 <170> SOFTWARE: PatentIn version 3.3
 24 <210> SEQ ID NO: 1
 25 <211> LENGTH: 1288
 26 <212> TYPE: DNA
 27 <213> ORGANISM: Choristoneura fumiferana
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 34 accaaaaatg cgggtttatat ttgtaaattc ggtcacgctt gcgaaatgga catgtacatg 180
 36 cgacggaaat gccaggagtg ccgcctgaag aagtgccttag ctgtaggcat gaggcctgag 240
 38 tgcgtagtac ccgagactca gtgcgccatg aagcggaaaag agaagaaagc acagaaggag 300
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 42 tgtgaacctc cacctcctga agcagcaagg attcacgaag tgggtcccaag gtttctctcc 420
 44 gacaagctgt tggagacaaa ccggcagaaa aacatccccc agttgacagc caaccagcag 480
 46 ttccttatcg ccaggtcat ctggtaccag gacgggtacg agcagccttc tgatgaagat 540
 48 ttgaagagga ttacgcagac gtggcagcaa gcggacgatg aaaacgaaga gtctgacact 600
 50 cccttcgccg agatcacaga gatgactatc ctcacgggtcc aacttatcgt ggagttcgcg 660
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 64 aaccagctga gcgggtcggc gcgttcgtcc gtcataatag gcaagatcct ctcaatcctc 1080
 66 tctgagctac gcacgctcgg catgcaaaac tccaacatgt gcatctccct caagctcaag 1140
 68 aacagaaagc tgccgccttt cctcgaggag atctgggatg tggcggacat gtcgcacacc 1200
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 75 <210> SEQ ID NO: 2
 76 <211> LENGTH: 1110
 77 <212> TYPE: DNA

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78 <213> ORGANISM: Choristoneura fumiferana

80 <400> SEQUENCE: 2

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85 cccgagactc agtgcgccat gaagcggaaa gagaagaaag cacagaagga gaaggacaaa      180
87 ctgcctgtca gcacgacgac ggtggacgac cacatgccgc ccattatgca gtgtgaacct      240
89 ccacctctg aagcagcaag gattcacgaa gtggtcccaa ggtttctctc cgacaagctg      300
91 ttggagacaa accggcagaa aaacatcccc cagttgacag ccaaccagca gttccttata      360
93 gccaggctca tctggtacca ggacgggtac gagcagcctt ctgatgaaga tttgaagagg      420
95 attacgcaga cgtggcagca agcggacgat gaaaacgaag agtctgacac tcccttccgc      480
97 cagatcacag agatgactat cctcacggtc caacttatcg tggagtccgc gaagggattg      540
99 ccagggttcg ccaagatctc gcagcctgat caaattacgc tgcttaaggc ttgctcaagt      600
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111 agcgggtcgg cgcgttcgct cgtcatatac ggcaagatcc tctcaatcct ctctgagcta      960
113 cgcacgctcg gcatgcaaaa ctccaacatg tgcatctccc tcaagctcaa gaacagaaag      1020
115 ctgccgcctt tctctgagga gatctgggat gtggcggaca tgtcgcacac ccaaccgccg      1080
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122 <212> TYPE: DNA

123 <213> ORGANISM: Choristoneura fumiferana

125 <400> SEQUENCE: 3

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130 atgcagtgtg aacctccacc tcttgaagca gcaaggattc acgaagtggg cccaaggttt      180
132 ctctccgaca agctgttgga gacaaaccgg cagaaaaaca tccccagtt gacagccaac      240
134 cagcagttcc ttatcgccag gctcatctgg taccaggacg ggtacgagca gccttctgat      300
136 gaagatttga agaggattac gcagacgtgg cagcaagcgg acgatgaaaa cgaagagtct      360
138 gacactccct tccgccagat cacagagatg actatcctca cggtccaact tatcgtggag      420
140 ttcgcgaagg gattgccagg gttcgccaag atctcgacgc ctgatcaaat tacgtgctt      480
142 aaggcttgct caagtgaggt aatgatgctc cgagtcgcgc gacgatacga tgcggcctca      540
144 gacagtgttc tgttcgcgaa caaccaagcg tacactcgcg acaactaccg caaggctggc      600
146 atggcctacg tcatcgagga tctactgcac ttctgccggt gcatgtactc tatggcgttg      660
148 gacaacatcc attacgcgct gctcacggct gtcgtcatct tttctgaccg gccagggttg      720
150 gagcagccgc aactggtgga agaaatccag cgggtactacc tgaatacgct ccgcatctat      780
152 atcctgaacc agctgagcgg gtcggcgcgct tcgtccgtca tatacggcaa gatcctctca      840
154 atcctctctg agctacgcac gctcggcatg caaaactcca acatgtgcat ctccctcaag      900
156 ctcaagaaca gaaagctgcc gcctttctc gaggagatct gggatgtggc ggacatgtcg      960
158 cacaccaaac cgccgctat cctcgagtc cccacgaatc tctagccccct gcgcgcacgc      1020
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163 <210> SEQ ID NO: 4

164 <211> LENGTH: 735

165 <212> TYPE: DNA

166 <213> ORGANISM: Choristoneura fumiferana

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173 actatcctca cggccaact tatcgtggag ttgcggaagg gattgccagg gttcgccaag      180
175 atctcgcagc ctgatcaaat tacgtgctt aaggcttgct caagtgaggt aatgatgctc      240
177 cgagtcgcgc gacgatacga tgcggcctca gacagtgttc tgttcgcgaa caaccaagcg      300
179 tacactcgcg acaactaccg caaggctggc atggcctacg tcatcgagga tctactgcac      360
181 ttctgcccgt gcatgtactc tatggcggtt gacaacatcc attacgcgct gctcacggct      420
183 gtcgtcatct tttctgaccg gccagggttg gagcagccgc aactggtgga agaaatccag      480
185 cgggtactacc tgaatacgct ccgcctctat atcctgaacc agctgagcgg gtcggcgcg      540
187 tcgtccgtca tatacggcaa gatcctctca atcctctctg agctacgcac gctcggcatg      600
189 caaaactcca acatgtgcat ctccctcaag ctcaagaaca gaaagctgcc gcctttctc      660
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206 atgcagtgtg aacctccacc tctgaagca gcaaggattc acgaagtggg cccaaggttt      180
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210 cagcagttcc ttatcgccag gctcatctgg taccaggacg ggtacgagca gccttctgat      300
212 gaagatttga agaggattac gcagacgtgg cagcaagcgg acgatgaaaa cgaagagtct      360
214 gacactccct tccgccagat cacagagatg actatcctca cggccaact tatcgtggag      420
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222 atggcctacg tcatcgagga tctactgcac ttctgcccgt gcatgtactc tatggcggtt      660
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226 gagcagccgc aactggtgga agaaatccag cggactacc tgaatacgct ccgcctctat      780
228 atcctgaacc agctgagcgg gtcggcgcgct tcgtccgtca tatacggcaa gatcctctca      840
230 atcctctctg agctacgcac gctcggcatg caaaactcca acatgtgcat ctccctcaag      900
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236 <211> LENGTH: 1878
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245 aagagcgccg tctactgctg caagttcggg cgcgcctgcg aaatggacat gtacatgagg      180
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255 catgccacta ttccgctact acctgatgaa atattggcca agtgtcaagc gcgcaatata      480
257 ccttccttaa cgtacaatca gttggccggt atatacaagt taatttggtg ccaggatggc      540
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265 acgttactaa aggccatgctc gtcggagggtg atgatgctgc gtatggcacg acgctatgac      780
267 cacagctcgg actcaatatt cttcgcgaaat aatagatcat atacgcggga ttcttacaaa      840
269 atggccggaa tggctgataa cattgaagac ctgctgcatt tctgccgcca aatgttctcg      900
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277 ctgctctcga tcctcaccga gctgcgtacg ctgggcaacc agaacgccga gatgtgtttc     1140
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360 gcctccgtaa ccgcacctgg ttctttgtcc gcggtcagta cgagcagcga atacatgggc 1500
362 ggaagtgcgg ccataggacc catcacgccg gcaaccacca gcagtatcac ggctgccgtt 1560
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366 gtggggcgga acgtcagcat gtatgcgaac gccagacgg cgatggcctt gatgggtgta 1680
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446 attgttgagt ttgctaaagg tctaccagcg ttacaaaaga taccaccagga ggaccagatc 180

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RAW SEQUENCE LISTING ERROR SUMMARY DATE: 01/10/2006
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Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:76; N Pos. 9

Seq#:77; N Pos. 7

Invalid <213> Response:

Use of "Artificial" only as "<213> Organism" response is incomplete, per 1.823(b) of New Sequence Rules. Valid response is Artificial Sequence.

Seq#:65,76,77,78

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Input Set : E:\A01020B.ST25.txt

Output Set: N:\CRF4\01102006\I965703A.raw

L:4471 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:76 after pos.:0

L:4489 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:77 after pos.:0